VOL. 95 NO. 1 FEBRUARY 1994

Total organic carbon reduction of phenol-containing wastewaters by oxidation techniques
by G.A. Al-Enezi, H. Shaban (Safat) and M.S.E. Abdo (Alexandria) 1
Microfiltration of long chain carboxylates: Relationship between rejection and micellization
by O. Surel and M.-H. Famelart (Rennes Cedex) 11
Characteristics of a chlorine-resistant reverse osmosis membrane
by R. Singh (Amherst) 27
Theoretical and experimental study in membrane distillation
by F.A. Banat and J. Simandl (Montreal) 39
Evaluation of corrosion-resistant alloys for desalination applications
by J.A. Carew, M. Abdel-Jawad and Y. Al-Wazzan (Safat) 53
Sorption of human albumin and endotoxin on uncharged and charged ultrafiltration membranes made from polysulfone and polyethersulfone
by D. Düputell, E. Staude and D. Wyszynski (Essen) 75
Concentration polarization and other boundary layer effects in the pervaporation of chlorinated hydrocarbons
by C. Dotremont, S. Van den Ende, H. Vandommele and C. Vandecasteele (Leuven) 91
Forthcoming events 115

VOL. 95 NO. 2 MARCH 1994

Non-equilibrium thermodynamic analysis of the transport properties of formed-in-place zirconium (IV) hydrous oxide-polyacrylate membranes in lactose-water solutions
by D. Szaniawska (Szczecin) and H.G. Spencer (Clemson, SC) 121
Analysis of an electrodialysis unit on the basis of irreversible thermodynamics
by S. Koter (Toruń) 139
Effects of pretreatments on morphology and performance of cellulose acetate (formamide type) membranes
by Y. Wang, W.W.Y. Lau and S. Sourirajan (Singapore) 155
Waste water treatment by a combination of bioreactor and nanofiltration
by R. Rautenbach and R. Mellis (Aachen) 171
Theoretical analysis of a novel modified recirculation multi-stage flash low temperature system
by S.E. Aly (Jeddah) 189

The effect of molybdenum on the corrosion behaviour of some steel alloys
by M.I. Hazza and M.E. El-Dahshan (Riyadh) 199
Removal of industrial latex dispersions from waste waters using microporous alumina membranes
by P. Mikulášek and Jiří Cakl (Pardubice) 211
Forthcoming events 221

VOL. 95 NO. 3 MAY 1994

Macrosolute-microsolute separation by ultrafiltration: A review of diafiltration processes and applications
by B. Dutré and G. Trägårdh (Lund) 227
Measuring the zeta (electrokinetic) potential of reverse osmosis membranes by a streaming potential analyzer
by M. Elimelech, W.H. Chen and J.J. Waypa (Los Angeles) 269
Conceptual specification for improved automation and total process care in large-scale desalination plants of the future
by D.M.K. Al-Gobaisi (Abu Dhabi) 287
Pressurized heavy water reactor desalination in the Indian context
by P.K. Tewari, R.K. Verma and M.P.S. Ramani (Bombay) 299
The corrosion performance of 90-10 cupronickel in Arabian Gulf water containing ammonia
by Z. Ahmad and B.J. Abdul Aleem (Dhahran) 307
The search for a chlorine-resistant reverse osmosis membrane
by J. Glater, S.-K. Hong and M. Elimelech (Los Angeles) 325
Forthcoming events 347
Contents and author index, Vol. 95 353